

Foam Plastic Policy Analysis



THE **GREEN TO GO** PUBLIC INPUT PROCESS

GREEN TO GO MEETING #7
November 14, 2011



In order to reduce EPS Food Service Ware Litter...

- The policy must promptly reduce trash in order to meet Stormwater Permit requirements.
- The policy must minimize costs to the City, Ratepayers, and Businesses.
- The policy must be able to estimate implementation costs and litter reduction benefits.



Restaurant Analysis

G2G: Restaurant Cost Analysis

Not all restaurants are alike...



G2G: Restaurant Cost Analysis

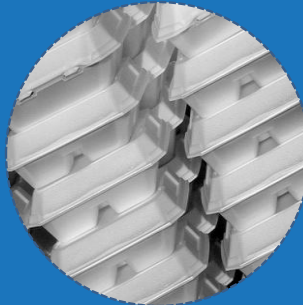
Substitute Products

EPS Cup
\$0.035/unit
12,000 units/mo.



Paper Cup
\$0.055/unit
12,000 units/mo.

EPS Hinged
\$0.09/unit
4,000 units/mo.



Bagasse Hinged
\$0.22/unit
4,000 units/mo.

EPS Plate
\$0.056/unit
8,000 units/mo.



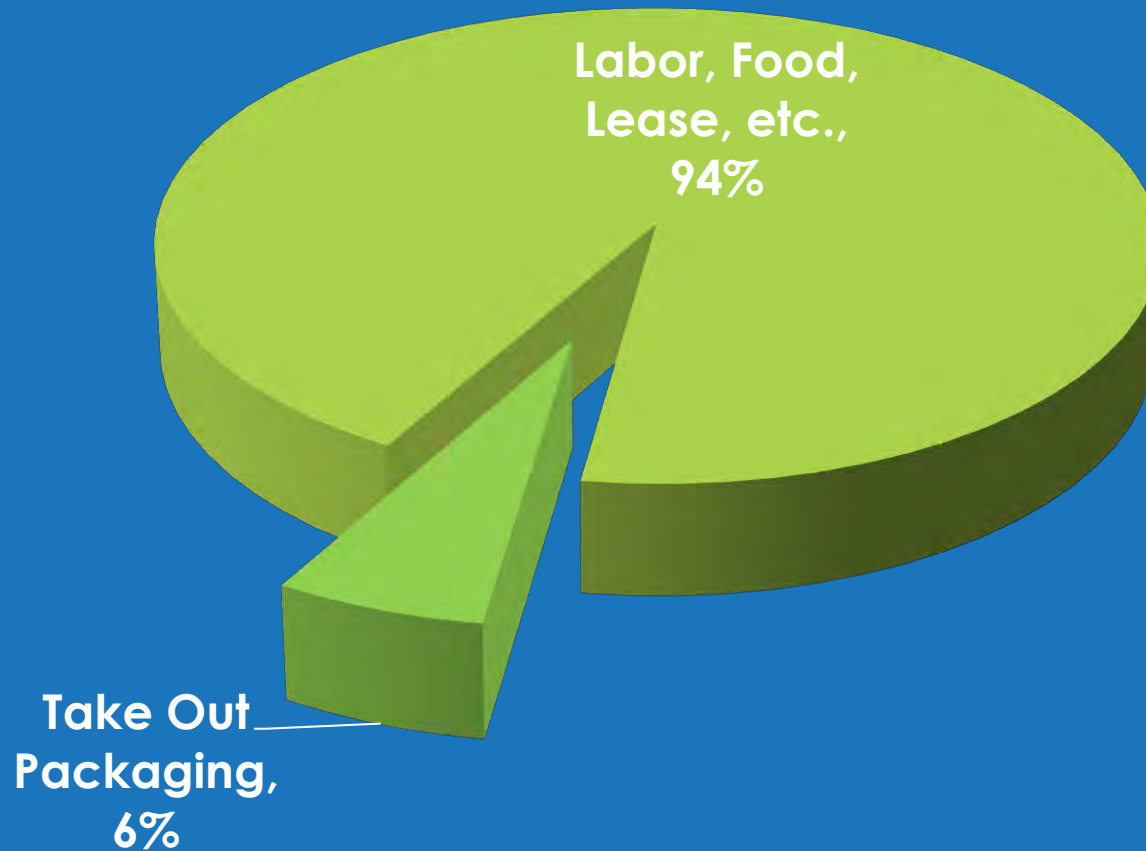
Bagasse Plate
\$0.064/unit
8,000 units/mo.

G2G: Restaurant Cost Analysis

Monthly Cost Comparison EPS vs. Alternatives

	EPS Cost	Alternative Cost	% Difference
Cups	\$420	\$660	57%
Hinged	\$360	\$880	144%
Plate	\$448	\$512	14%
Total	\$1,228	\$2,052	67%

G2G: Packaging Costs increase 67%
Would apply to only 6% of total cost...



G2G: Restaurant Cost Analysis



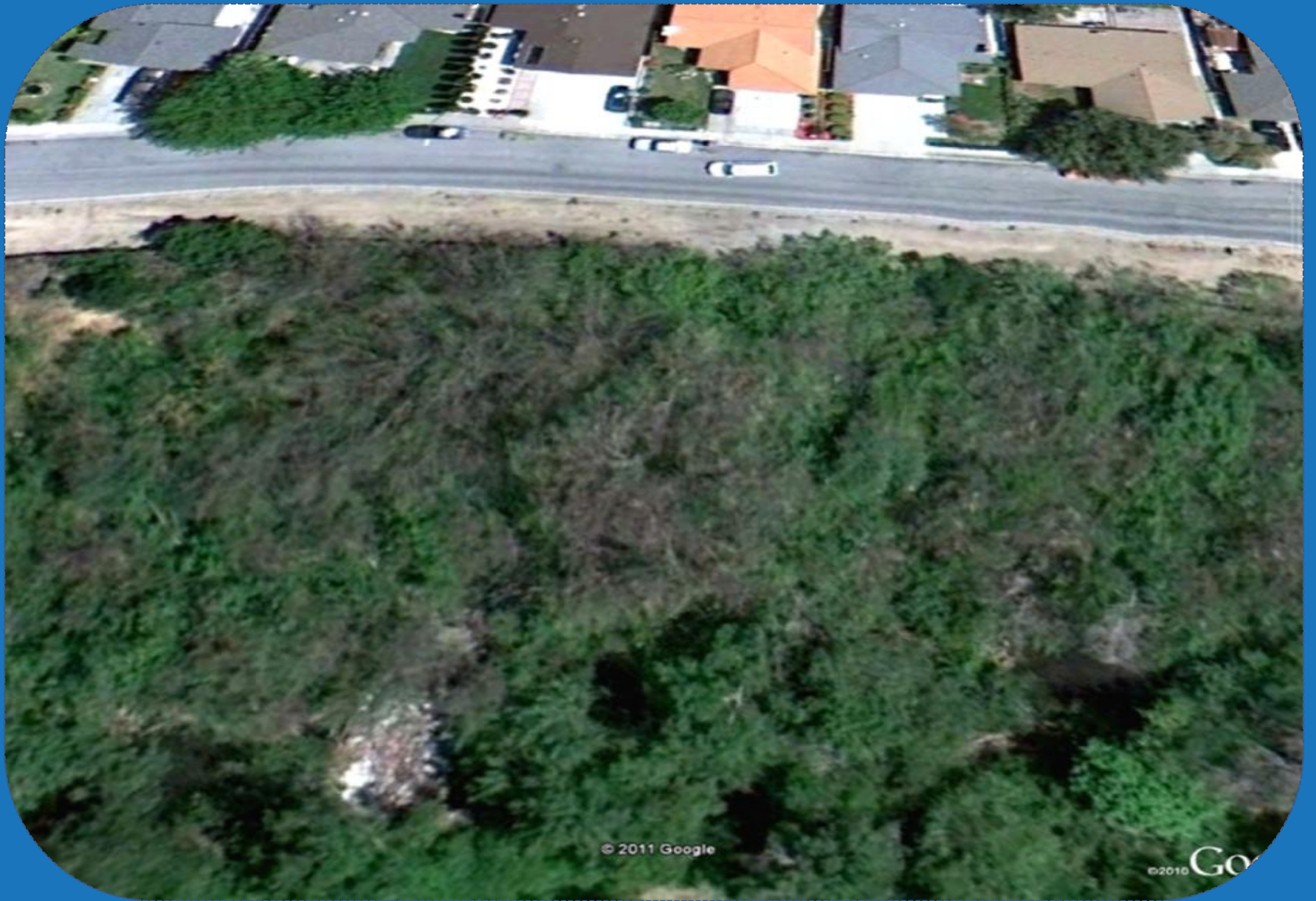
The \$6 taco plate

Costs \$5.76 to produce
in a foam plastic clamshell.

It will cost \$.0.23 more to
serve the same tacos, or
\$5.99.



The Stormwater Permit



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G2G: Control Measures & Proposed Reductions

Control Measure	Proposed Reduction Credit
Prohibit Foam Take-out Containers	6%
Increase 32 additional “Hot Spot” Clean-ups	6%
Increase Public Litter Cans	4%
Increase Enforcement	2%
Increase Street Sweeping	0.1% - 8%
Increase Public Education	1% – 8%
Increase Full Trash Capture	3% - 9%
Expand Foam Recycling	None

The G2G Process:



TRANSPORTATION & ENVIRONMENT COMMITTEE MEETING:

MONDAY, DECEMBER 5, 2011
1:30 PM

CITY HALL WING
200 E. SANTA CLARA ST.
ROOM 119

FOR MORE INFORMATION & PROVIDE ADDITIONAL COMMENTS

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